8307 ATTORNEY DOCKET No. 21676-05474 (CT-57)

As the below named inventor(s), I/we declare that:

Express Mail No. EV334258256US PTO/SB/01A (10-00)

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

	This declaration is directed to: The attached application or Application No. 09/853,048 as amended on	g, filed on May 9, 2001, (if applicable);		
	I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;			
	I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;			
	I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and			
	All statements made herein of my/our knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.			
	FULL NAME OF INVENTOR(S)			
	Inventor one: Jalil Kamali	Citizen of: <u>Iran</u>		
	Signature: Thamus	Date:		
	Inventor two: Babak H. Khalaj	Citizen of: Iran		
	Signature: Datah H. Malay	Date: 8/8/0) .		
	Inventor three: Farshid Deigosna	Chranor: Iran		
<u>_</u>	Signature: Volah L. Hhalig	Date: 8/8/01		
	Inventor four:	Citizen of:		
	Signature:	Date:		
	Additional inventors are being named on	additional form(s) attached hereto.		
3u	Burden Hour Statement: This collection of information is required by 35 U.S.C. and 37 CFR 1.63. The information is used by the public to file (and the			

Burden Hour Statement: This collection of information is required by 35 U.S.C. and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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POWER OF ATTORNEY OR **AUTHORIZATION OF AGENT**

Application Number	09/853,048
Filing Date	May 9, 2001
First Named Inventor	Jalil Kamali et al.
Title	SINGLE ENDED LINE PROBING IN DSL SYSTEM
Group Art Unit	UNKNOWN
Examiner Name	UNASSIGNED
Attorney Docket Number	21676-05474 (CT-57)

I hereby a	appoint:			
	Practitioners at Customer Number OR Practitioner(s) named below:			
	Name(s)	Registration Number(s)		
as my/our	ur atternav(s) or agent(s) to proceed to the application id	untified above, and to transact all business in the United States		
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.				
Please change the correspondence address for the above-identified application to: The above-mentioned Customer Number.				
I am the:	VN Applicant/Inventor OR I I	of record of the entire interest. See 37 CFR 3.71. under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).		
Name	Jalil Kamali			
Signature	F. Kumuli			
Date	G/13/01			
I am the:	V V Applicant/Inventor CR I I	of record of the entire interest. See 37 CFR 3.71. t under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).		
_Name	Babak H. Khalaj			
Signature	Patas St. Whaling			
Date	8/8/01			
I am the:	V V Applicant/Inventor ()R I I	of record of the entire interest. See 37 CFR 3.71. t under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).		
Name	Parshid Delgosha			
Signature	Batah se many			
Date	818191			
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.				
Total of	forms ar submitted.			